



Figure S1.
Schematic representations of the predicted BRAF and RAF1 gene fusions identified by transcriptome sequencing, Related to Figure 2.

Each panel illustrates the protein domains encoded by the 5' and 3' genes of the fusion, with the predicted fusion protein illustrated in between. A, KIAA1549 ex10-BRAF ex9 (NM_020910, NM_004333); B, UBN2 ex3-BRAF ex11 (NM_173569, NM_004333); C, LSM12 ex3-BRAF ex9 (NM_152344, NM_004333); D, GOLGA4 ex17-RAF1 ex8 (NM_001172713, NM_002880). LSm12=Like Sm12 domain, AD=anticodon binding domain, S_TKc=serine/threonine kinase domain, CR1=conserved region 1, CR2=conserved region 2, HUN=HPC2-Ubinuclein-1 domain, UBN-AB, ubinuclein conserved middle domain, Smc=chromosome segregation ATPases conserved domain.